

135. The method of claim 105, further defined as comprising the steps of:

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- a) obtaining a sample of DNA wherein the sample includes DNA fragments that do not include a 3' hydroxyl group, wherein the sample has been subjected to fragmentation;
 - b) conditioning DNA fragments of the sample that lack a 3' hydroxyl by incorporating a 3' hydroxyl group thereon;
 - c) attaching adaptors to DNA fragments of the sample; and
 - d) amplifying DNA fragments of the sample through the use of the adaptors.--

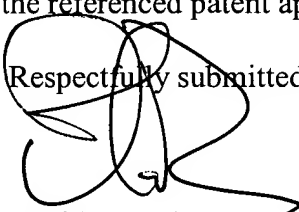
REMARKS

All the pending claims have been cancelled, and new claims 105-135 introduced. In that there is only one independent claims in the newly-added claims, these claims should comprise an appropriately grouped invention for the purpose of examination.

Support for the subject matter of these claims can be found variously in the specification at page 26, line 17-24; page 67, line 1 - page 82, line 9; and all of example 10.

The Examiner is invited to contact the undersigned attorney at (512) 536-3055 with any questions, comments or suggestions relating to the referenced patent application.

Respectfully submitted,


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